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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/614,920 | 07/08/2003 | Asad S. Ali | 04043(3883.00020) | 7890 |
| 35374 | 7590 | 06/25/2004 | EXAMINER | |
| LEAR CORPORATION, BLISS MCGLYNN, P.C. 2075 WEST BIG BEAVER ROAD SUITE 600 TROY, MI 48084 | | | D ADAMO, STEPHEN D | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3636 | |

DATE MAILED: 06/25/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/614,920

Applicant(s)

ALI ET AL.

Examiner

Stephen D'Adamo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 9-14 is/are allowed.
- 6) ☒ Claim(s) 1-3, 5, 6, 15-17 and 20 is/are rejected.
- 7) ☒ Claim(s) 4, 7, 8, 18 and 19 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/14/2003.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 5, 15 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stiller (2002/0101109).

Stiller discloses a fastener assembly for a seat 20 including a seat frame having brackets to secure the seat to a vehicle, a central seating region 24 and a central back region 22. A number of fastener assemblies 34 secure the trim cover 30 to the foam pad 26 on both the seat region and back region. The fastener assemblies include an elongate wedge or bulbous member 58 engaged with the trim material and a receiving member or locking portion 42 engaged to the padding. The bulbous member 58 further includes a wedge tip and the side walls form a channel for receiving the trim material. The locking portion 42 includes a base 50 including an elevated platform. The elevated portion is the thickness of the base, as seen in Figures 3-5. The locking portion further includes cantilevered retention tabs 44, with legs 46, extending from the elevated platform comprising guide decks or barbs 48 and an engaging flange, located at the terminal end of the barbs, adapted to releasably engage the terminal end of the elongate wedge. However, the channels elongate wedge comprises vertical channels with a substantially U-shaped channel. Yet, it would have been obvious to one having ordinary skill in the art at the

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time the invention was made to modify the fastener assembly of Stiller with V-shaped channels, which would inherently make the side walls extend angularly outward. Since the applicant's specification does not state that the V-shaped channel, as claimed, solves any particular problem or produces any unexpected result, whether the channel and sidewalls are U-shaped or V-shaped is merely a matter of engineering design choice, and thus does not serve to patentably distinguish the claimed invention over the prior art.

Note, the retention tabs 44 disclose the guide decks extending downward from the retention tabs.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Stiller (2002/0101109) in view of Mizuno et al. (4,833,741).

Stiller discloses a fastener assembly for a seat 20 including a number of fastener assemblies 34 secure the trim cover 30 to the foam pad 26 on both the seat region and back region. The fastener assemblies include an elongate wedge or bulbous member 58 engaged with the trim material and a receiving member or locking portion 42 engaged to the padding. The bulbous member 58 further includes a wedge tip and the side walls form a channel for receiving the trim material. The locking portion 42 includes a base 50 including an elevated platform. The elevated portion is the thickness of the base, as seen in Figures 3-5. The locking portion further includes cantilevered retention tabs 44, with legs 46, extending from the elevated platform comprising guide decks or barbs 48 and an engaging flange, located at the terminal end of the barbs, adapted to releasably engage the terminal end of the elongate wedge. However, Stiller fails to expressly disclose ridges extending parallel to the wedge tip. Yet Mizuno teaches a clipping member, similar to

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the wedge or bulbous member having teeth 27a to positively hold the covering member 22 between the finger portions thereof by the teeth 27a of the clipping member (col.3, lines 38-40). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the fastener assembly of Stiller with teeth or ribs 27a for holding the trim material within the wedge or bulbous member 58.

Claims 6 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stiller (2002/0101109) in view of Schmidt (2003/0001421).

Stiller discloses a fastener assembly for a seat including an elongate wedge or bulbous member 58 and a receiving member or locking portion 42. The locking portion includes a plurality of retention tabs extending upward thereon. Furthermore, Stiller teaches of rectangular arms 52 connecting the locking portions together. However, Stiller fails to expressly disclose a flexible elongate ganging member connecting the locking portions together. Yet, Schmidt discloses an attachment mechanism for an upholstered seat including a flexible elongate ganging member. Schmidt teaches of receiving members or holding mechanisms 4. "The elastic tabs 7 shown in Figure 3 can also connect the individual pieces of the holding mechanism 4 with one another" (paragraph 0019, lines 7-8). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the fastener assembly of Stiller, specifically the rectangular arms 52 with elastic tabs or a ganging member, as taught by Schmidt, for providing a more flexible fastener assembly.

Claims 13 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stiller (2002/0101109) in view of Radke (3,632,164)

Stiller discloses a fastener assembly for a seat including an elongate wedge or bulbous member 58 and a receiving member or locking portion 42. The locking portion includes a plurality of retention tabs extending upward thereon. Moreover, Stiller teaches, "the most preferred embodiment of the locking portion 42 includes the series of square bases 50" (paragraph 0030, lines 3-5). Stiller fails to expressly disclose circular bases.

However, in light of the specification of the current application, the applicant acknowledges, "the base may be octagonal, hexagonal, or other substantially circular shape having defined corners" (page 10, lines 17-18). Moreover, the Radke discloses a vehicle seat having an improved seat cover attachment system including a plurality of apertures 17 on a circular anchor means or base 21. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the fastener assembly of Stiller with a circular base, as taught by Radke, to provide a safer anchoring means without sharp corners. Note, Stiller's square base is substantially a circular shape having defined corners, similar to a octagon or hexagon.

Allowable Subject Matter

2. Claims 9-14 are allowed.
3. Claims 4, 7, 8, 18 and 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Burchi et al. (5,762,842), Yoshizawa (4,609,226) and Tillner (3,925,861) all show various features of the claimed invention.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen D'Adamo whose telephone number is 703-305-8173. The examiner can normally be reached on Monday-Thursday 6:00-3:30, 2nd Friday 6:00-2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pete Cuomo can be reached on 703-308-0827. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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June 21, 2004


Peter M. Cuomo
Supervisory Patent Examiner
Technology Center 3600